

Certificate of Product Approval

Certificate Number: 443c

Issue: 01

CA Group Limited

Evenwood Industrial Estate
Copeland Road
Evenwood
County Durham
DL14 9SF

is authorised to use the LPCB mark in association with the product(s) listed in this certificate and appendix having complied with the requirements of the standard(s) detailed below:

Products

Twin-Therm® Wall

secure built-up cladding systems

Standard

LPS 1175: Issue 7

Requirements and testing procedures for the LPCB approval and listing of intruder resistant building components, strongpoints, security enclosures and free-standing barriers

This certificate and appendix is maintained and held in force through regular surveillance activities



Signed for BRE Global Ltd.

Paul Dillon
Verifier

18 June 2018
Date of Issue

18 June 2018
Date of First Issue



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Appendix to Certificate No: 443c CA Group Limited

Issue: 01

Secure Built-Up Cladding Systems

Product Name	Product Code	Type	Minimum Height (m)	Maximum Height (m)	Minimum Width (m)	Maximum Width (m)	Minimum Wall Thickness (m)	Maximum Wall Thickness (m)	Security Rating	LPCB Ref. No.
Twin-Therm® Wall	CA 15 910WS with CA 17 1000L or CA 32 1000RL	Built-up cladding system with horizontally or vertically laid panels	1.0	Unlimited	1.0	Unlimited	0.095	0.315	1	443c/01
	CA 32 1000R with CA 17 1000L	Built-up cladding system with horizontally or vertically laid panels	1.0	Unlimited	1.0	Unlimited	0.112	0.332	1	
	CA 32 1000W with CA 17 1000L or CA 32 1000RL	Built-up cladding system with horizontally or vertically laid panels	1.0	Unlimited	1.0	Unlimited	0.112	0.332	1	
	CA 47 900SL with CA 17 1000L	Built-up cladding system with horizontally or vertically laid panels	1.0	Unlimited	1.0	Unlimited	0.127	0.347	1	
	CA 300MR with CA 17 1000L or CA 32 1000RL	Built-up cladding system with horizontally or vertically laid panels	1.0	Unlimited	1.0	Unlimited	0.120	0.340	1	
	CA SINU 19 990 with CA 17 1000L or CA 32 1000RL	Built-up cladding system with horizontally or vertically laid panels	1.0	Unlimited	1.0	Unlimited	0.099	0.319	1	

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Product Name	Product Code	Type	Minimum Height (m)	Maximum Height (m)	Minimum Width (m)	Maximum Width (m)	Minimum Wall Thickness (m)	Maximum Wall Thickness (m)	Security Rating	LPCB Ref. No.
Twin-Therm® Wall	CA 32 1000R with CA 32 1000RL	Built-up cladding system with horizontally or vertically laid panels	1.0	Unlimited	1.0	Unlimited	0.112	0.332	2	443c/02
	CA 47 900SL with CA 32 1000RL	Built-up cladding system with horizontally or vertically laid panels	1.0	Unlimited	1.0	Unlimited	0.127	0.347	2	
	CA 65 321DL with CA 17 1000L or CA 32 1000RL	Built-up cladding system with horizontally or vertically laid panels	1.0	Unlimited	1.0	Unlimited	0.145	0.365	2	
	CA ARC 50 930 with CA 17 1000L or CA 32 1000RL	Built-up cladding system with horizontally or vertically laid panels	1.0	Unlimited	1.0	Unlimited	0.130	0.350	2	

Notes:

1. The Twin-Therm® Wall built-up cladding system is approved when installed in accordance with the instructions detailed on document IG-TTW-01 revision 3c dated February 2018.
2. The approval covers the use of 0.7 mm thick wall and liner panels and the use of glass fibre insulation.
3. The Twin-Therm® Wall built-up cladding system can only be constructed as a straight walling system. The approval does not cover the use of openings or apertures, e.g. doorsets and windows.
4. The Twin-Therm® Wall built-up cladding system's resistance relies on the supporting substrate offering compatible resistance to manual attack.

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